

ABSTRACT OF THE DISCLOSURE

3bC17
A ferrite magnet having a basic composition represented by the following
general formula: $(A_{1-x}R_x)O \cdot n[(Fe_{1-y}M_y)_2O_3]$ by atomic ratio, wherein A is Sr
and/or Ba, R is at least one of rare earth elements including Y, M is at least
5 one element selected from the group consisting of Co, Mn, Ni and Zn, and
x, y and n are numbers meeting the conditions of $0.01 \leq x \leq 0.4$,
 $[x/(2.6n)] \leq y \leq [x/(1.6n)]$, and $5 \leq n \leq 6$, and substantially having a
magnetoplumbite-type crystal structure, is obtained by uniformly mixing a
compound of Sr and/or Ba with an iron compound; calcining the resultant
10 uniform mixture; adding a compound of the R element and/or the M
element to the resultant calcined powder at a pulverization step thereof; and
sintering the resultant mixture. The compound of the R element and/or
the M element may be added at a percentage of more than 0 atomic % and
80 atomic % or less, on an element basis, at a mixing step before
15 calcination.